State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Inspection Report

Representatives Present During the Inspection:	
OGM	Priscilla Burton Environmental Scientist III
Company	Dennis Oakley Environmental Engineer

Permit Number:	**C0150017**
Inspection Type:	TECHNICAL
Inspection Date:	Friday, December 02, 2005
Start Date/Time:	12/2/2005 9:30:00 AM
End Date/Time:	12/2/2005 12:00:00 PM
Last Inspection:	Tuesday, November 29, 2005

Inspector: Priscilla Burton, Environmental Scientist III

Weather: Balmy, 30's

InspectionID Report Number: 808

Accepted by: whedberg
12/21/2005

Permitee: **PACIFICORP**
Operator: **ENERGY WEST MINING CO**
Site: **DES BEE DOVE MINE**
Address: **PO BOX 310, HUNTINGTON UT 84528**
County: **EMERY**
Permit Type: **PERMANENT COAL PROGRAM**
Permit Status: **RECLAIMED**

Current Acreages

153.90	**Total Permitted**
36.22	**Total Disturbed**
	Phase I
	Phase II
	Phase III

Mineral Ownership

- [x] **Federal**
- [ ] **State**
- [ ] **County**
- [x] **Fee**
- [ ] **Other**

Types of Operations

- [x] **Underground**
- [ ] **Surface**
- [ ] **Loadout**
- [ ] **Processing**
- [ ] **Reprocessing**

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Observed quality of sediment pond dam material for use in the rooting zone. Photographs of the reclamation progress were taken and are in the database. To date, the fence was removed around the pond, the dam was breached, the surface layer of the subsoil stockpile was removed and temporarily stockpiled. Phase 3 Reclamation of the sediment pond is described in MRP Vol. XVI.

Inspector's Signature /S/ **Date** Friday, December 09, 2005

Priscilla Burton, Environmental Scientist III
Inspector ID Number: 37

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performace standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	☐	☐	☐	☐
2. Signs and Markers	☐	☐	☐	☐
3. Topsoil	☑	☐	☑	☐
4.a Hydrologic Balance: Diversions	☐	☐	☐	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☐	☐	☐	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☐	☐	☐	☐
4.d Hydrologic Balance: Water Monitoring	☐	☐	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☐	☐	☐
5. Explosives	☐	☐	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☐	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☐	☐	☐	☐
8. Noncoal Waste	☐	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☐	☐	☐	☐
10. Slides and Other Damage	☐	☐	☐	☐
11. Contemporaneous Reclamation	☐	☐	☐	☐
12. Backfilling And Grading	☐	☐	☐	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence Control	☐	☐	☐	☐
15. Cessation of Operations	☐	☐	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☐	☐	☐	☐
16.b Roads: Drainage Controls	☐	☐	☐	☐
17. Other Transportation Facilities	☐	☐	☐	☐
18. Support Facilities, Utility Installations	☐	☐	☐	☐
19. AVS Check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☐	☐	☐	☐

3. Topsoil

The surface two feet of subsoil had been stripped from the subsoil pile and temporarily stockpiled along the pond access road for use as a final layer over the reclaimed sediment pond site. This work was being done by Neilson Construction using road graders and a dozer. Shale fragments were encountered below the level of approximately 18 inches in the subsoil pile. At the same time, earthwork revealed that the soils within the sediment pond dam that were previously thought to be made of clay were in fact sandy in texture. The Permittee sampled and analyzed the dam material for pH and EC values: pH = 8.4 and EC = 0.18 mmhos/cm. Consequently, the reclamation plans will change to incorporate a higher proportion of the dam soils within the root zone.